



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DAVID R. HEMBREE
JORGE L. DEVARONA

Serial No. 10/698,788

Examiner: MENZ, DOUGLAS M.

Filing Date: 10/31/2003

ART UNIT: 2824

For: SEMICONDUCTOR COMPONENT HAVING
REDISTRIBUTION CONDUCTORS AND BUMPED
CONTACTS ON SELECTED PORTIONS THEREOF (as amended)

Attorney Docket No. 99-0812.3

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT BEFORE MAILING DATE OF
EITHER FINAL ACTION OR NOTICE OF ALLOWANCE UNDER 37 C.F.R. §1.97(c)**

November 11, 2004

MAIL STOP AMENDMENT
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

1. The information disclosure statement transmitted herewith is being filed after three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application of after the mailing date of the first Office Action on the merits, whichever event occurred last but before the mailing date of either:

- a. a Final Action under §1.113 or
- b. a Notice of Allowance under §1.311, whichever occurs first.

CERTIFICATE OR FEE

2. Accompanying this transmittal is

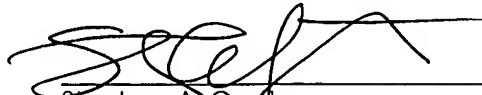
 a certification as specified in 37 CFR 1.97(e).
 X the fee set forth in 37 CFR 1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00).

 X The commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to

Deposit Account No. 07-1857, pertaining to i) any filing fees under 37 CFR 1.16 for the presentation of extra claims; ii) any patent application processing fees under 37 CFR 1.17.

DATED this 11th day of November, 2004.

Respectfully submitted:




Stephen A. Gratton
Registration No. 28,418
Attorney of Record

2764 South Braun Way
Lakewood, CO 80228
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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

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November 11, 2004
Date of Signature



Stephen A. Gratton, Attorney of Record

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**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56
NOVEMBER 11, 2004**

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The citations listed on the accompanying Form PTO/SB/08, copies attached, may be material to the examination of the subject application and are therefore submitted in compliance with the duty of disclosure defined in 37 CFR §§1.56, 1.97 and 1.98.

This Information Disclosure Statement under 37 CFR §§1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art under 35 USC §102.

It is requested that the above citations be made of record, if appropriate, in the prosecution of this application.

11/16/2004 FMETEK11 00000038 071857 10698788

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Respectfully submitted:

Stephen A. Gratton, Registration No. 28,418
Attorney of Record

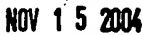
2764 South Braun Way
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Telephone: 303 989 6353

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Substitute for form 1449/PTO

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Sheet	1	of	1
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Complete if Known

Application Number	10/698,788
Filing Date	10/31/2003
First Named Inventor	DAVID R. HEMBREE
Art Unit	2824
Examiner Name	MENZ, DOUGLAS M.
Attorney Docket Number	99-0812.3

U. S. PATENT DOCUMENTS

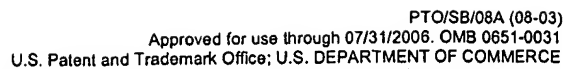
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Application Number	10/698,788
Filing Date	10/31/2003
First Named Inventor	DAVID R. HEMBREE
Art Unit	
Examiner Name	
Attorney Docket Number	99-08123

Sheet	1	of	1
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STATEMENT BY APPLICANT**

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Application Number	
Filing Date	10/31/2003
First Named Inventor	DAVID R. HEMBREE
Art Unit	
Examiner Name	
Attorney Docket Number	99-0812.3

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US- 3,806,801	04/23/1974	Bove	
	B	US- 5,067,007	11/19/1991	Kanji et al.	
	C	US- 5,124,639	06/23/1992	Carlin et al.	
	D	US- 5,172,050	12/15/1992	Swapp	
	E	US- 5,177,439	01/15/1993	Liu et al.	
	F	US- 5,180,977	01/19/1993	Huff	
	G	US- 5,269,453	12/14/1993	Melton et al.	
	H	US- 5,476,211	12/19/1995	Khandros	
	I	US- 5,547,740	08/29/1996	Higdon et al.	
	J	US- 5,593,927	01/14/1997	Farnworth et al.	
	K	US- 5,686,317	11/11/1997	Akram et al.	
	L	US- 5,736,456	04/07/1998	Akram	
	M	US- 5,767,443	06/16/1998	Farnworth et al.	
	N	US- 5,786,632	07/28/1998	Farnworth et al.	
	O	US- 5,829,128	11/03/1998	Eldridge et al.	
	P	US- 5,851,911	12/22/1998	Farnworth	
	Q	US- 5,894,161	04/13/1999	Akram et al.	
	R	US- 6,060,891	05/09/2000	Hembree et al.	
	S	US- 6,078,186	6/20/2000	Hembree et al.	

FOREIGN PATENT DOCUMENTS

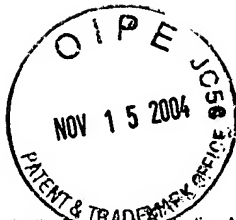
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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**INFORMATION DISCLOSURE
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Sheet 2 of 4

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Application Number	
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First Named Inventor	DAVID R. HEMBREE
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Examiner Name	
Attorney Docket Number	99-0812.3

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		Number-Kind Code ² (if known)			
	T	US- 6,097,087	08/17/2000	Farnworth et al.	
	U	US- 6,255,833	07/03/2001	Akram et al.	
	V	US- 6,261,854	07/17/2001	Akram et al.	
	W	US- 6,275,052	08/14/2001	Hembree et al.	
	X	US- 6,297,653	10/02/2001	Hembree	
	Y	US- 6,300,782	10/09/2001	Hembree	
	Z	US- 6,300,786	10/09/2001	Doherty et al.	
	AA	US- 6,314,641	11/13/2001	Akram	
	AB	US- 6,337,577	01/08/2002	Doherty et al.	
	AC	US- 6,359,456	03/19/2002	Hembree	
	AD	US- 6,362,637	03/26/2002	Farnworth et al.	
	AE	US- 6,366,112	04/02/2002	Doherty et al.	
	AF	US- 6,372,627	04/16/2002	Ring et al.	
	AG	US- 6,380,555	04/30/2002	Hembree et al.	
	AH	US- 6,383,825	05/07/2002	Farnworth et al.	
	AI	US- 6,414,506	07/02/2002	Akram et al.	
	AJ	US- 6,429,029	08/06/2002	Eldridge	
	AK	US- 6,456,099B1	09/24/2002	Eldridge et al.	
	AL	US- 6,469,537	10/22/2002	Akram et al.	

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Sheet	3	of	4
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		First Named Inventor	DAVID R. HEMBREE
		Art Unit	
		Examiner Name	
Sheet 4	of 4	Attorney Docket Number	99-0812.3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AN	"Cobra technology makes Wentworth Labs the world's most advanced probe card manufacturer", brochure from Wentworth Laboratories, 1996.	
	AO	H. W. LORBER et al., "Non-Adhering Probe For Contacting Solder pads", IBM Technical Disclosure Bulletin, Vol. 26, No. 1, June 1983.	
	AP	"Science Over Art. Our New IC Membrane Test Probe.", Packard Hughes Interconnect brochure, 1993.	

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